

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventors:

T.J. Gabara

S.S. Martin

Docket:

290-051us

Serial No.:

10/079,447

Filing Date:

20 February 2002

Examiner:

Not Yet Assigned

Group Art Unit:

2816

Title:

Method For Modeling Noise Emitted By Digital Circuits

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

Attn: Drawing Review Branch

SIR:

Please find attached the revised formal.

Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and application that requires a petition for an extension of time for its timely supplication for extension of time for the appropriate length of time.

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1044** as required to correct the errors.

Respectfully,

DeMont & Breyer, L.L.C.

By

Jason Paul DeMont

THE REPORT OF THE

Date: 14 War 2002 DeMont & Breyer, L.L.C. P.O. Box 7490

Shrewsbury, NJ 07702 United States of America I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 14 May 2002.

Name of person signing this certificate: Jason Paul DeMont

Signature



rod For Modeling Noise Emitted By Dig Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

1/7

## FIG. 1

PRIOR ART

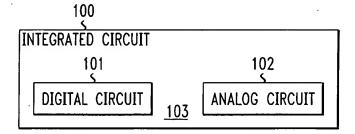
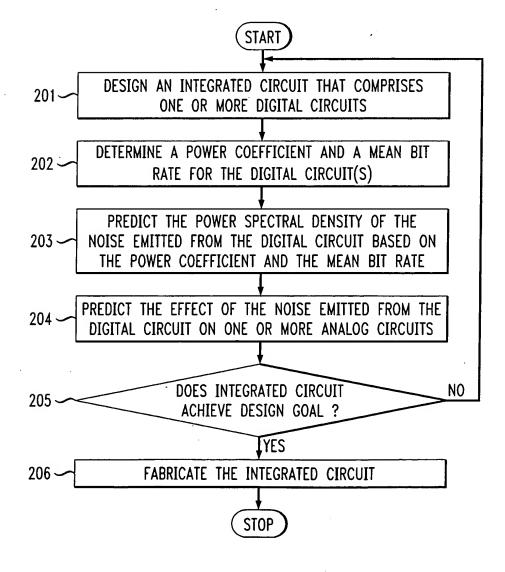


FIG. 2





od For Modeling Noise Emitted By Dig Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

2/7

## FIG. 3

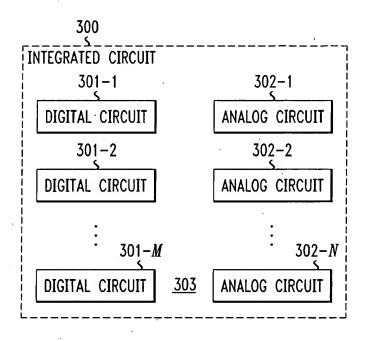
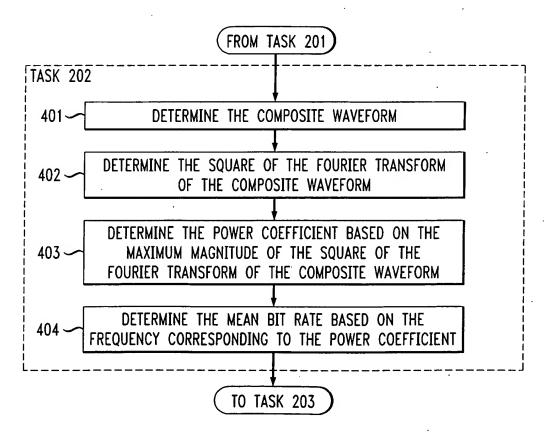


FIG. 4

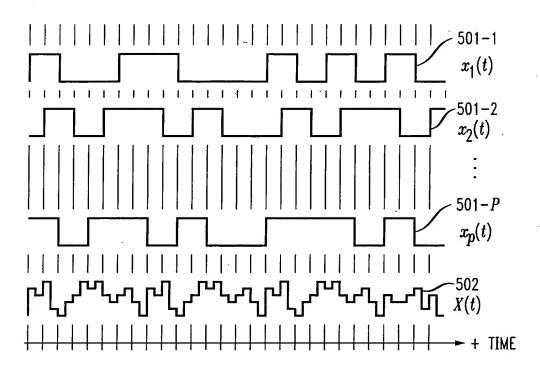




od For Modeling Noise Emitted By Dig: Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

3/7

FIG. 5



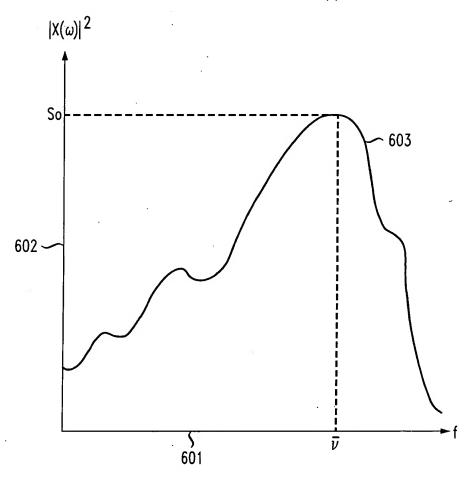


od For Modeling Noise Emitted By Digi Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

4/7

FIG. 6

SQUARE OF FOURIER TRANSFORM OF X(t)

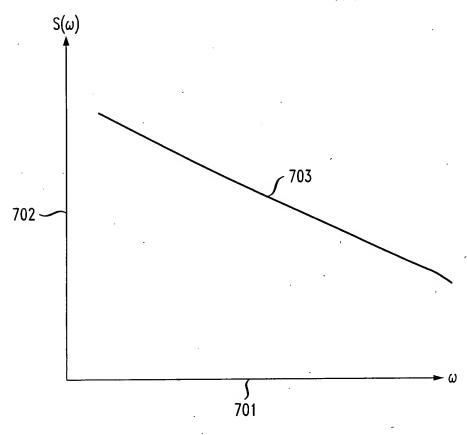


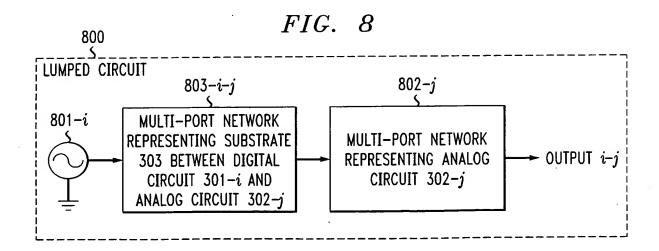


od For Modeling Noise Emitted By Digi Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

FIG. 7

POWER SPECTRAL DENSITY,  $S(\omega)$ 

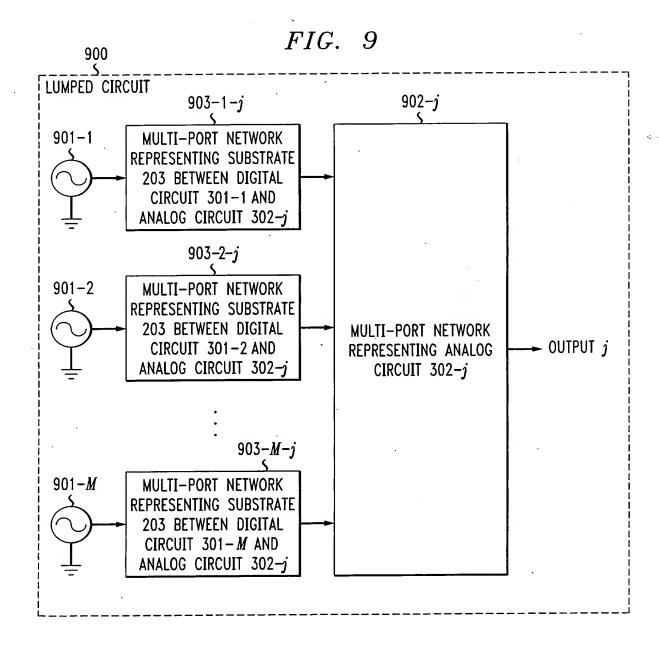






inod For Modeling Noise Emitted By Dig Gabara 80-2-4-7-1 Serial No.: 10/079,447

DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102





od For Modeling Noise Emitted By Dig Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

# FIG. 10

